



SHEET 1 OF 3

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 46641-01010	SERIAL NO. 09/886,313
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		APPLICANT: Alexander Michael Chagovetz	
		FILING DATE: 6/21/01	GROUP ART Unknown

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROP.
SPC	AA	4,994,373	2/19/91	Stavrianopoulos et al.			
	AB	5,002,885	3/26/91	Stavrianopoulos			
	AC	5,013,831	5/7/91	Stavrianopoulos			
	AD	5,328,824	7/12/94	Ward et al.			
	AE	5,449,767	9/12/95	Ward et al.			
	AF	5,476,928	12/19/95	Ward et al.			
	AG	5,538,848	7/23/96	Livak et al.			
	AH	5,674,698	10/7/97	Zarling et al.			
	AI	5,691,145	11/25/97	Pitner et al.			
	AJ	5,716,784	2/10/98	Di Cesare			
	AK	5,741,678	4/21/98	Ronai			
	AL	5,804,386	9/8/98	Ju			
	AM	5,814,454	9/29/98	Ju			
	AN	5,846,727	12/8/98	Soper et al.			
	AO	5,861,256	1/19/99	Glass et al.			
	AP	5,866,336	2/2/99	Nazarenko et al.			
	AQ	5,952,202	9/14/99	Aoyagi et al.			
	AR	6,015,674	1/18/00	Wondenberg, et al.			
↓	AS	6,046,004	4/4/00	Wu et al.			

EXAMINER	Brabha Chenduru	DATE CONSIDERED	6/11/03
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SHEET 2 OF 3

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FOREIGN PATENT DOCUMENTS

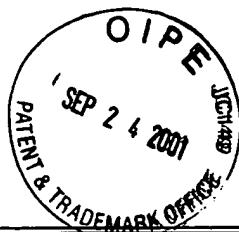
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
						YES	NO
	AA						
	AB						

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

<i>See</i>	AA	Brandis, John W.; "Dye structure affects <i>Taq</i> DNA polymerase terminator selectivity," Oxford University Press Nucleic Acids Research, 1999, Vo. 27, No. 8, Pages 1912-1918.
	AB	Morrison, Larry E., Halder, Thomas C., and Stols, Lucy M.; "Solution-Phase Detection of Polynucleotides Using Interacting Fluorescent Labels and Competitive Hybridization", 1989, Analytical Biochemistry 183, Pages 231-244.
	AC	Chehab, Farid F. and Kan Y.W.; "Detection of specific DNA sequences by fluorescence amplification: A color complementation assay", Proc. Natl. Acad. Sci. USA, Vol. 86, 1989, Pages 9178-9182.
	AD	Holland, Pamela M., Abramson, Richard D., Watson, Robert and Gelfand, David H.; "Detection of specific polymerase chain reaction product by utilizing the 5' → 3' exonuclease activity of <i>Thermus aquaticus</i> DNA polymerase", Proc. Natl. Acad. Sci. USA, Vol. 88, August 1991, Pages 7276-7280.
	AE	Higuchi, Russell, Fockler, Carita, Dollinger, Gavin and Watson, Robert; "Kinetic PCR Analysis: Real-time Monitoring of DNA Amplification Reactions", Biotechnology Vol. 11, September 1993, Pages 1026-1030.
	AF	Parkhurst, Kay M. and Parkhurst, Lawrence J.; "Donor - Acceptor Distance Distributions in a Double-Labeled Fluorescent Oligonucleotide Both as a Single Strand and in Duplexes", Biochemistry, Vol. 34, No. 1, 1995, Pages 293-300.
	AG	Tyagi, Sanjay and Kramer, Fred Russell; "Molecular Beacons: Probes that Fluoresce upon Hybridization", Nature Biotechnology, Volume 14, March 1996, Pages 303-308.
	AH	Lay, Marla J. and Wittwer, Carl T.; "Real-time fluorescence genotyping of factor V Leiden during rapid-cycle" PCR, Clinical Chemistry 43:12, 1997, Pages 1-6.
	AI	Wittwer, Carl T., Herrmann, Mark G., Moss, Alan A. and Rasmussen, Randy P.; "Continuous Fluorescence Monitoring of Rapid Cycle DNA Amplification", BioTechniques Vol. 22, No. 1, January 1997, Pages 130-138.
	AJ	Nazarenko, I.A., Bhatnagar, S.K. and Hohman, R.J.; "A closed tube format for amplification and detection of DNA based on energy transfer", Nucleic Acids Research, Vol. 25, No. 12, 1997, Page 2516-2521.

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SHEET 3 OF 3

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8/16	AK	Youvan, Douglas C., Silva, Christopher M., Bylina, Edward J., Coleman, William J., Dilworth, Michael R. and Yang, Mary M.; "Calibration of Fluorescence Resonance Energy Transfer in Microscopy Using Genetically Engineered GFP Derivatives on Nickel Chelating Beads", <i>Biotechnology et alia</i> , 1997, No. 3, Pages 1-18.
	AL	Hakala, Harri, Virta, Pasi, Salo, Harri and Lonnberg, Harri; "Simultaneous detection of several oligonucleotides by time-resolved fluorometry: the use of a mixture of categorized microparticles in a sandwich type mixed-phase hybridization assay", 1998 Oxford University Press, <i>Nucleic Acids Research</i> , 1998, Vol. 26, No. 24, Pages 5581-5588.
	AM	Tyagi, Sanjay, Bratu, Diana P. and Kramer, Fred Russell; "Multicolor molecular beacons for allele discrimination", <i>Nature Biotechnology</i> , Volume 16, January 1998, Pages 49-53.
	AN	Kostrikis, Leondios G., Tyagi, Sanjay, Mhlanga, Musa M., Ho, David D., and Kramer, Fred Russell; "Spectral Genotyping of Human Alleles, <i>Science</i> , Vol. 279, 20 February 1998, Pages 1228-1229.
	AO	Higuchi, Russell and Watson, Robert; "Kinetic PCR Analysis Using a CCD Camera and Without Using Oligonucleotide Probes", <i>PCR Applications</i> by Academic Press, Pages 263-284.
	AP	Howell, W. Mathias, Jobs, Magnus, Gyllensten, Ulf and Brookes, Anthony J.; "Dynamic allele-specific hybridization", <i>Nature Biotechnology</i> , Vol. 17, January 1999, Pages 87-88.
	AQ	Thelwell, Nicola, Millington, Stephen, Solinas, Antonio, Booth, James and Brown, Tom; "Mode of action and application of Scorpion primers to mutation detection", Oxford University Press, <i>Nucleic Acids Research</i> , 2000, Vol. 28, No. 19, Pages 3752-3761.
	AR	Mansfield, Elaine S. and Fortina, Paolo; "Application Note 54, Two-Color Mutation Detection in 96-Well Microplates", <i>Molecular Dynamics</i> , Pages 1-4.
	AS	Mansfield, Elaine S., Schumm, James W. and Lins, Ann M.; "Application Note 55, Genetic Typing Using Fluorescently-Labeled Polymorphic STR Markers", <i>Molecular Dynamics</i> , Pages 1-7.
↓	AT	Mansfield, Elaine S., Broussard-Diehl, Christine and Scheuermann, Richard H.; "Application Note 56, Oncogene mRNA Profiling Using Fluorescent Quantitative PCR", <i>Molecular Dynamics</i> , Pages 1-8.

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